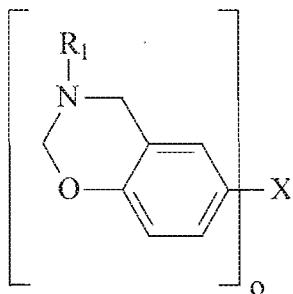


LISTING OF THE CLAIMS:

A listing of the claims is presented below:

1. (Previously Presented) A heat curable composition comprising:

(a) a benzoxazine component comprising

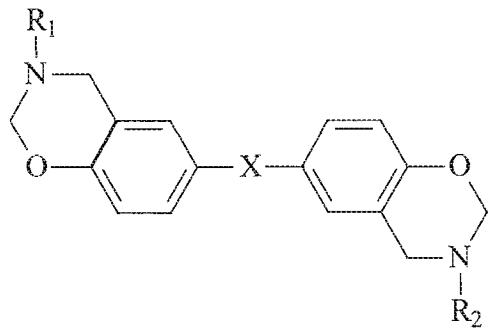


wherein o is 1-4, X is member selected from the group consisting of a direct bond (when o is 2), alkyl (when o is 1), alkylene (when o is 2-4), carbonyl (when o is 2), thiol (when o is 1), thioether (when o is 2), sulfoxide (when o is 2), and sulfone (when o is 2), and R1 is alkyl; and

(b) about 5 weight percent or more of a toughener component comprising acrylonitrile-butadiene co-polymer having secondary amine terminal groups.

2. (Previously Presented) A heat curable composition comprising:

(a) a benzoxazine component comprising

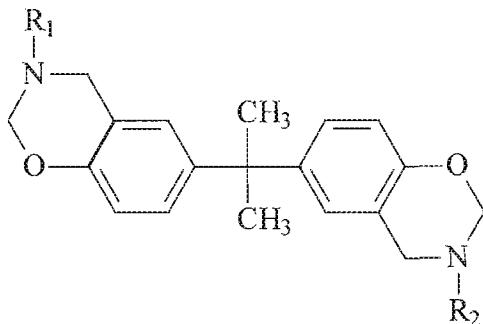


wherein X is selected from the group consisting of a direct bond, CH_2 , $\text{C}(\text{CH}_3)_2$, $\text{C}=\text{O}$, S , $\text{S}=\text{O}$ and $\text{O}=\text{S}=\text{O}$, and R_1 and R_2 are the same or different and are selected from the group consisting of methyl, ethyl, propyls and butyls; and

(b) about 5 weight percent or more of a toughener component comprising acrylonitrile-butadiene co-polymer having secondary amine terminal groups, wherein cured reaction products of the composition are capable of demonstrating at least one of a wet Tg of at least 350°F , a toughness measured by GI_c of at least 1.9 in-lb./in^2 , a percent decrease in ΔH of at least 15% compared with a benzoxazine prepared from bisphenol F and aniline, and a percent decrease in wet Tg compared with dry Tg with increased toughener concentration of less than 6%.

3. (Previously Presented) A heat curable composition comprising:

(a) a benzoxazine component comprising

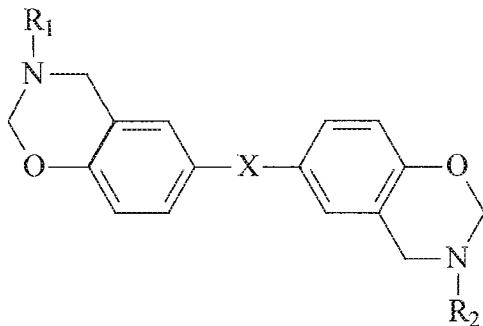


wherein R₁ and R₂ are the same or different and are selected from the group consisting of methyl, ethyl, propyls and butyls; and

(b) about 5 weight percent or more of a toughener component comprising acrylonitrile-butadiene co-polymer having secondary amine terminal groups, wherein cured reaction products of the composition are capable of demonstrating at least one of a wet Tg of at least 350, a toughness measured by GI_c of at least 1.9 in-lb./in², a percent decrease in ΔH of at least 15% compared with a benzoxazine prepared from bisphenol F and aniline, and a percent decrease in dry Tg compared with wet Tg with increased toughener concentration of less than 6%.

4. (Previously Presented) A heat curable composition comprising:

(a) a benzoxazine component comprising

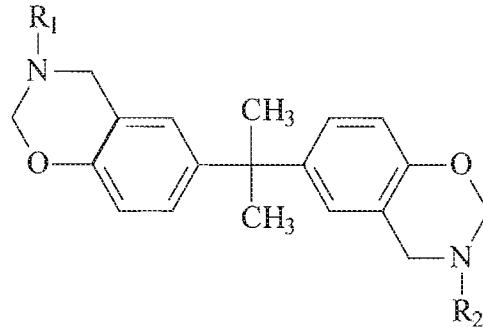


wherein X is selected from the group consisting of a direct bond, CH_2 , $\text{C}(\text{CH}_3)_2$, $\text{C}=\text{O}$, S , $\text{S}=\text{O}$ and $\text{O}=\text{S}=\text{O}$, and R_1 and R_2 are the same or different and are selected from the group consisting of methyl, ethyl, propyls and butyls; and

(b) about 5 weight percent or more of a toughener component comprising acrylonitrile-butadiene co-polymer having secondary amine terminal groups, wherein Tg and toughness measured by GI_c increase as the amount of toughener in the composition increases.

5. (Previously Presented) A heat curable composition comprising:

(a) a benzoxazine component comprising



wherein R₁ and R₂ are the same or different and are selected from the group consisting of methyl, ethyl, propyls and butyls; and

(b) about 5 weight percent or more of a toughener component comprising acrylonitrile-butadiene co-polymer having secondary amine terminal groups, wherein T_g and toughness measured by GI_c increase as the amount of toughener in the composition increases.

6. (Original) The heat curable composition of Claims 1-5, having a cured density of less than 1.2 g/cc.

7. (Original) The heat curable composition of Claims 1-5, wherein component (a) is present in an amount in the range of about 10 to about 99 percent by weight, based on the total weight of the composition.

Claims 8-32. (Cancelled).

33. (Previously Presented) An adhesive composition comprising the heat curable composition of any one of Claims 1-5.

34. (Original) The adhesive compositions of Claim 33, further comprising one or more of an adhesion promoter, a flame retardant, a filler, a thermoplastic additive, a reactive or unreactive diluent, and a thixotrope.

35. (Previously Presented) Cured reaction products of the adhesive composition of Claim 33.

Claims 36-39. (Cancelled)